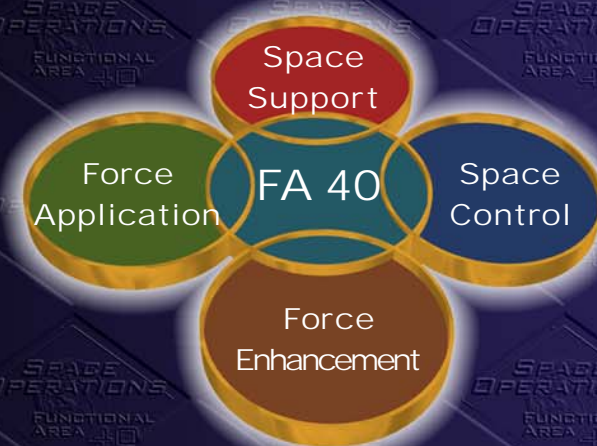




## Space Operations Officers: Instrumental in Achieving a Space Empowered Future Force



Functional Area 40 Space Operations is one of seven functional areas in the Army Information Operations Career Field.



U.S. Army Space and Missile Defense Command (SMDC) / U.S. Army Forces Strategic Command (ARSTRAT), headquartered in Arlington, Virginia, is the Army Component Command for U.S. Strategic Command and the Army's specified proponent for Space and Missile Defense. Additionally, the Command conducts Army and Joint Research & Development activities to develop, analyze, experiment, test and evaluate space and missile defense technologies that are key enablers for the 21st century Army.

As the Army specified proponent for Space, the Command operates the Proponent Office for Functional Area 40 – Space Operations. It ensures that Army and Joint warfighting commanders, through their Space Operations Officers, understand and have access to space assets and products enabling them to fight and win quickly and decisively.

For more information, contact us via the FA 40 Hotlines:  
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FA40 Web Site [www.army.mil/FA40](http://www.army.mil/FA40)

SMDC Web Site [www.smdc.army.mil](http://www.smdc.army.mil)



## Exploiting Space for the Warfighter

*In the 20<sup>th</sup> Century, the Army fully exploited the high ground provided by air capabilities and led the Nation into Space. In the 21<sup>st</sup> Century we must fully exploit the high ground of Space to empower adaptive leaders and Soldiers with the ability to see first, understand first, act first, and finish decisively.*

*Army Space Policy, April 2003*



## Why Become an FA 40?

- Range of assignment opportunities: tactical units, MACOMs, USSTRATCOM, Army and Joint Staff, Office of the Secretary of Defense
- Cutting edge field with emerging technology
- Need for experts to integrate Space capabilities
- Career that blends technical and tactical skills and knowledge
- Work throughout the Battlefield Operating Systems
- Pioneer in a new and developing field
- Space is a growth industry—military, civil and commercial
- Advanced civil school opportunities
- Training with Industry

## Assignment Opportunities

- Principal Space Operations Staff Officer at Corps & Higher
- Army Space Support Team (ARSST) Leader
- Space Operations Instructor
- Space Operations Staff Officer at MACOMs
- Research, Planning, and Operational Assignments in USASMDC
- Joint Assignments with USSTRATCOM & Other Unified Commands
- National Aeronautics and Space Administration
- National Reconnaissance Office
- National Security Space Architect's office
- U.S. Army Space and Missile Defense Command Battle Lab
- Army Space Program Office

## Space Operations Officers in the Army

The Army's cadre of trained Space Operations Officers, Functional Area 40 (FA 40) provide in-depth expertise and experience to adequately leverage Space assets for the Army. As the Army identifies requirements and develops capabilities for the "Space-empowered" Future Force, Army Space Operations Officers are being integrated aggressively into current operations, future planning, research and development, and acquisition positions at all organizational levels within the Army and Department of Defense (DoD). Our goal is to "normalize" Space throughout all Army operations and activities, i.e., make the use of Space, like that of communications and transportation, "business as usual."



Space Operations Officers specialize in integrating Space operations into the military decision-making process (MDMP). They synchronize, optimize, and deconflict the use of Space-based resources with the commander's staff and across the battlefield operating systems. They provide commanders the Space Intelligence Preparation of the Battlefield (IPB), the Space Estimate, and highly technical tools to support operational planning. They prepare the Space annex for operations orders and answer space questions for the commander and staff.

Army Space Operations officers work to complement the actions and responsibilities of the signal, intelligence, information operations, and engineering staff officers. They are trained to understand, enable, and improve on how each uses Space, and to know the Space-based products they require and/or produce. They also understand the needs of our sister services, DoD, and other Government agencies.

FA40 is a growing field in which an officer's career progression is greatly enhanced with promotion potential, unique and futuristic assignments, and personal pride in achievement.



## Areas of Training

- PLAN Space Control Operations
- ANALYZE Friendly Force Space Control Capabilities and Limitations
- DETERMINE Results and Impacts of Space Control Operations
- DESCRIBE Force Protection Posture of Space Systems to the Commander and Staff
- EXPLAIN missions and functions of Joint and Service Information Operations Organizations
- EXPLAIN the Role of the Space Operations Officer in the Joint Operations Planning and Execution System (JOPES)
- RECOMMEND Space Applications to Support the Military Decision-Making Process (MDMP)
- ASSESS Enemy/Friendly/Civil Commercial Space Systems' Capabilities and Limitations
- DEVELOP Tailored Space Intelligence Preparation of the Battlefield (IPB)
- DETERMINE the Impact of Space Weather on Space and Terrestrial Operations
- DETERMINE the Effect of Terrestrial Weather on Space Operations
- PRODUCE Space Staff Estimate
- ANALYZE Courses of Action (Wargaming) From a Space Perspective
- GENERATE Space Support Annex and Space Input to Estimates/OPLAN/OPORD/FRAG0/WARNING ORDERS
- COORDINATE Space Activities
- COORDINATE Space Asset Tasking
- PROVIDE Space Support Products and Analysis
- ADVISE the Commander and Staff on TBM Warning
- APPRISE the JTF Commander and Staff on Space-related missions/functions and capabilities
- APPRISE the Commander and Staff regarding Space support to Information Operations (IO)
- UTILIZE Space Analysis Tools
- UTILIZE Army and Joint C2 Systems